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#2

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 948.00)

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:
 Deposit Account Number 01-2135
 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP
 Charge Any Additional Fee Required
 Under 37 CFR 1.16 and 1.17
 Applicant Claims small entity status.
 See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit Card Money Order Other

FEE CALCULATION

2. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)			740.00

1. EXTRA CLAIM FEES

Total Claims	10 -20** = 0	Fee from below	Fee Paid
Indep. Claims	5-3** = 2	x 84.00	= 168.00
Multiple Dependent		0.00	= 0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 168.00		

**or number previously paid, if greater; For Reissues, see above.

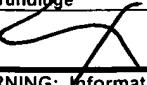
Complete if Known	
Application Number	10
Filing Date	February 28, 2002
First Named Inventor	MACIEL, FREDERICO BUCHHOLZ
Examiner Name	11
Group Art Unit	12
Attorney Docket No.	520.41201X00

FEE CALCULATION (continued)

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge – late filing fee or oath	
127	50	227	25 Surcharge – late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370 For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Carl I. Brundidge	Registration No. (Attorney/Agent)	29,621	Telephone 703-312-6600
Signature		Date	02/28/2002	

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

02/28/02

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DKT. NO. 520.41201X00	SERIAL NO. not assigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			APPLICANT F. MACIEL	
			FILING DATE February 28, 2002	GROUP not assigned

1040 U.S. PRO
10/08/02
02/28/02

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	6112248	2000	Maciel et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	11-328134	1999	JAPAN				
	10-69471	1998	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"The IP Network Address Translator(NAT)", Internet Engineering Task Force RFC1631, Egevang & Francis, 1994, pages 1-10
	"WWW server load balancer with functions being enhanced", Nikkei Open System, November 1999, ISSN 0918-581X, pp. 128-131
	"Dynamic Gateways: A Novel Approach to Improve Networking Performance and Availability on Parallel Servers", Proceeding of the HPCN'98, pp. 678-687, Springer-Verlag, 1998 , ISSN 0302-9743
	"A Scalable HTTP Server: The NCSA Prototype", Proceedings of the First International Conference on the World-Wide Web, 1994, KATZ et al.
	The VRRP "Virtual Router Redundancy Protocol", RFC2338 of Internet Engineering Task Force, Knight, et al., 1998 pp.1-27
	"InfiniBand Architecture Specification Volume 1, Infiniband Trade Association,2000
	"Integrating the LAN,WAN & SAN for Optimized Network Performance", e-Commerce Infrastructure Technologies Conference and Tradeshow, Monterey, USA, February 2001, Lucent Technologies
	"High -Performance Local Area Communication with Fast Socket", Rodrigues, Proceedings of the USENIX'97, 1997, pp. 257-274
	"High Performance Sockets and RPC over Virtual Interface (VI) Architecture", Shah, Proceedings of CANPC'99, 1999, pp. 91-107
Examiner	Date Considered